

DECLARATION FOR PATENT APPLICATION

As a below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

**USE OF NUCLEIC ACIDS CONTAINING UNMETHYLATED CPG
DINUCLEOTIDE AS AN ADJUVANT**

the specification of which was filed on June 3, 1999, as United States Application No. 09/325,193.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §119 and 365(a), (b):

(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	Priority Claimed	
			<input type="checkbox"/>	<input type="checkbox"/>
			YES	NO
<hr/>			<hr/>	
(Number)	(Country)	(DD/MM/YY Filed)	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>
			YES	NO
<hr/>			<hr/>	
(Number)	(Country)	(DD/MM/YY Filed)	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>
			YES	NO

We hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>60/040,375</u>	<u>3/10/97</u>
(Application Number)	(filing date)
<hr/>	<hr/>
(Application Number)	(filing date)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<hr/>	<hr/>	<hr/>
(Application No.)	(filing date)	(status-patented, pending, abandoned)
<hr/>	<hr/>	<hr/>
(Application No.)	(filing date)	(status-patented, pending, abandoned)

BEST AVAILABLE COPY

10023009-121801

PCT International Applications designating the United States:

<u>PCT/US98/04703 09/154,614</u>	<u>03/10/98</u>	<u>Pending</u>
(PCT Appl. No.) (U.S. Ser. No.)	(PCT filing date)	(status-patented, pending, abandoned)

We hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David Wolf	17,528	Peter C. Lando	34,654	Michael G. Verga	39,410
George L. Greenfield	17,756	Gary S. Engelson	35,128	Robert E. Rigby, Jr.	36,904
Stanley Sacks	19,900	Peter J. Gordon	35,164	Robert A. Skriwanek, Jr.	41,316
Edward F. Perlman	28,105	Randy J. Pritzker	35,986	Robert M. Abrahamsen	40,886
Lawrence M. Green	29,384	Richard F. Giunta	36,149	Lesley A. Hamlin	41,054
Steven J. Henry	27,900	Douglas R. Wolf	36,971	Mike W. Crosby	40,970
Therese A. Hendricks	30,389	Elizabeth R. Plumer	36,637	Ivan D. Zitkovsky	37,482
Edward R. Gates	31,616	Timothy J. Oyer	36,628	Michele J. Young	43,299
William R. McClellan	29,409	John N. Anastasi	37,765	Edward J. Russavage	43,069
Ronald J. Kransdorf	20,004	Helen C. Lockhart	39,248	Alan B. Sherr	42,147
M. Lawrence Oliverio	30,915	James M. Hanifin, Jr.	39,213	John C. Gorecki	38,471
Charles E. Pfund	17,030	Christopher S. Schultz	37,929	William G. Gosz	27,787
Jason M. Honeyman	31,624	Paul D. Sorkin	39,039	Thomas P. Grodt	41,045
James H. Morris	34,681	John R. Van Amsterdam	40,212	Neil P. Ferraro	39,188
		Matthew B. Lowrie	38,228	Julie A. Beberman	40,906
				Alan W. Steele	P-45,120
				Lisa Windsor	44,405

Address all telephone calls to Helen C. Lockhart at telephone no. (617) 720-3500. Address all correspondence to

Helen C. Lockhart
c/o Wolf, Greenfield & Sacks, P.C.,
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210-2211

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Heather L. Davis 8/6/99
Inventor's signature Date

Full name first inventor Heather L. Davis
Residence 1053 Carling Ave.
Ottawa, Ontario K1Y 4E9 CANADA

Post Office Address: Same as above
Citizenship: CANADA

[Signature] 8/6/99
Inventor's signature Date
Full name second inventor Joachim Schorr
Residence: Rubensweg 15, 40724 Hilden, Germany
Post Office Address: Same as above
Citizenship: GERMANY

Arthur M. Krieg 8/6/99
Inventor's signature Date
Full name third inventor Arthur M. Krieg
Residence: 890 Park Place, Iowa City, IA 52246
Post Office Address: Same as above
Citizenship: USA

100222T 60622007

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Heather L. Davis, hereby

Sell, assign and transfer to the Loeb Health Research Institute at the Ottawa Hospital, a corporation of Canada having a place of business at 725 Parkdale Avenue, Ottawa, Ontario, Canada K1Y 4E9, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on June 3, 1999, assigned serial no. 09/325,193 and entitled **USE OF NUCLEIC ACIDS CONTAINING UNMETHYLATED CPG DINUCLEOTIDE AS AN ADJUVANT**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

8/6 1999
Date

Heather L. Davis
Heather L. Davis

STATE OF Massachusetts
COUNTY OF Suffolk
Subscribed and sworn to before me this 6th day of August 1999.
SEAL
Marianne Flynn
Notary Public
My Commission Expires _____

MARIANNE FLYNN
NOTARY PUBLIC
My Commission Expires April 16, 2004

103121"606E200F

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Joachim Schorr, hereby

Sell, assign and transfer to the CpG ImmunoPharmaceuticals GmbH, a German corporation having a place of business at Max-Volmer-Strasse 4, D-40724 Hilden, Germany, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on June 3, 1999, assigned serial no. 09/325,193 and entitled **USE OF NUCLEIC ACIDS CONTAINING UNMETHYLATED CPG DINUCLEOTIDE AS AN ADJUVANT**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

6/2/99
Date

J.S.
Joachim Schorr

<u>August 6, 1999</u> Date	<u>[Signature]</u> Witness
-------------------------------	-------------------------------

10023009-121801
"0822" 606E2001

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Arthur M. Krieg, hereby

Sell, assign and transfer to the University of Iowa Research Foundation, a corporation of Iowa having a place of business at 214 Technology Innovation Center, Oakdale Research Campus, Iowa City, Iowa, 52242, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on June 3, 1999, assigned serial no. 09/325,193 and entitled **USE OF NUCLEIC ACIDS CONTAINING UNMETHYLATED CPG DINUCLEOTIDE AS AN ADJUVANT**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

8/6/99
Date

Att M/K
Arthur M. Krieg

STATE OF Massachusetts :
COUNTY OF Suffolk :
Subscribed and sworn to before me this 6th day of August 1999.
SEAL
Marianne Flynn
Notary Public
My Commission Expires _____

MARIANNE FLYNN
NOTARY PUBLIC
My Commission Expires April 16, 2004

1003909 121801



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

HK

JUNE 16, 2000

WOLF, GREENFIELD & SACKS, P.C.
HELEN C. LOCKHART
600 ATLANTIC AVENUE
BOSTON, MA 02210

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101327628A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/20/2000

REEL/FRAME: 010702/0768
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DAVIS, HEATHER L.

DOC DATE: 08/06/1999

ASSIGNEE:

LOEB HEALTH RESEARCH INSTITUTE AT
THE OTTAWA HOSPITAL
725 PARKDALE AVENUE
OTTAWA, ONTARIO, CANADA K1Y 4E9

SERIAL NUMBER: 09325193

PATENT NUMBER:

FILING DATE: 06/03/1999

ISSUE DATE:

ANNE HARRELL, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-20-2000

COVER SHEET

-Y

FORM PTO-1595 U.S.
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)



101327628

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner of Patents and Trademarks : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Heather L. Davis 3-20-00

Additional name(s) of conveying party(ies) attached? [] Yes [x] No

3. Nature of conveyance:

[x] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____

Execution Date: August 6, 1999

2. Name and address of receiving party(ies)

Name: Loeb Health Research Institute at the Ottawa Hospital

Street Address: 725 Parkdale Avenue, Ottawa, Ontario,
Canada K1Y 4E9

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OPR/FINANCE

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)
09/325,193

B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence
Concerning document should be mailed:

Name: Helen C. Lockhart
Address: WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

[x] Enclosed

[] Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Helen C. Lockhart

Helen Lockhart

March 15, 2000

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Box Assignment, Commissioner of Patents and Trademarks, Washington, D.C. 20231

04/19/2000 DNGUYEN 00000256 09325193

01 FC:581

40.00 OP

[Stamp: July 13, '00]



AW S
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 10, 2001

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WOLF, GREENFIELD & SACKS, P.C.
ALAN W. STEELE
FEDERAL RESERVE PLAZA
600 ATLANTIC AVENUE
BOSTON, MA 02210

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C1039/7009
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RECORDATION DATE: 10/27/2000

REEL/FRAME: 011466/0422
NUMBER OF PAGES: 5

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CPG IMMUNOPHARMACEUTICALS GMBH

DOC DATE: 05/02/2000

ASSIGNEE:
COLEY PHARMACEUTICAL GMBH
ELISABETH-SELBERT-STRASSE 9
D-40764 LANGENFELD, FED REP GERMANY

SERIAL NUMBER: 09082649
PATENT NUMBER:

FILING DATE: 05/20/1998
ISSUE DATE:

SERIAL NUMBER: 09154614
PATENT NUMBER:

FILING DATE: 09/16/1998
ISSUE DATE:

SERIAL NUMBER: 09325193
PATENT NUMBER:

FILING DATE: 06/03/1999
ISSUE DATE:

011466/0422 PAGE 2

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

1011466/0422

01-31-2001

ney's Docket No. C10

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FORM PTO-1595 U.S.
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
CpG ImmunoPharmaceuticals GmbH

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☐ Assignment ☐ Merger
☐ Security Agreement ☒ Change of Name
☐ Other _____

Execution Date: **May 2, 2000**

2. Name and address of receiving party(ies)

Name: **Coley Pharmaceutical GmbH**

Internal Address:

Street Address: **Elisabeth-Selbert-Strasse 9
D-40764 Langenfeld
Germany**

Additional name(s) & addresses(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

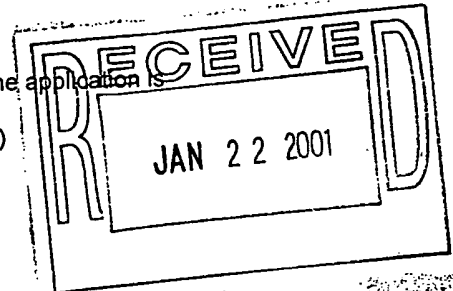
A. Patent Application No.(s)

09/082,649

09/154,614

09/325,193

B. Patent No.(s)



Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
Concerning document should be mailed:

Name: **Alan W. Steele**
Address: **WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210**

6. Total number of applications and patents involved: **[3]**

7. Total fee (37 CFR 3.41)

\$ 0.00

☐ Enclosed

☐ Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alan W. Steele

January 17, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[6]**

Mail documents to be recorded with required cover sheet information to:
Commissioner for Patents
Box Assignment
Washington, D.C. 20231



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

HK

JUNE 16, 2000

WOLF, GREENFIELD & SACKS,
HELEN C. LOCKHART
FEDERAL RESERVE PLAZA
600 ATLANTIC AVENUE
BOSTON, MA 02210

C1039/7025

File Folder	<input checked="" type="checkbox"/>
ECB	<input checked="" type="checkbox"/>
Docket Entry	<input checked="" type="checkbox"/>
Docket Cross Off	<input checked="" type="checkbox"/>
Order Copies	<input checked="" type="checkbox"/>
Annuities	<input checked="" type="checkbox"/>
Confirmation	<input checked="" type="checkbox"/>



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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/20/2000

REEL/FRAME: 010702/0757
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KRIEG, ARTHUR M.

DOC DATE: 08/06/1999

ASSIGNEE:

UNIVERSITY OF IOWA RESEARCH
FOUNDATION
OAKDALE RESEARCH CAMPUS
214 TECHNOLOGY INNOVATION CENTER
IOWA CITY, IOWA 52242

SERIAL NUMBER: 09325193
PATENT NUMBER:

FILING DATE: 06/03/1999
ISSUE DATE:

ANNE HARRELL, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Express Mail Label No. EL844453390US
Date of Deposit: December 18, 2001

RECORDATION COVER SHEET

04-20-2000

FORM PTO-1595 U.S.
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)DEPARTMENT OF COMMERCE
Patent and Trademark Office

101327630

To the Commissioner of Patents and Trademarks: Please return the attached original documents or copy thereof.

1. Name of conveying party(ies):
Arthur M. KriegAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: August 6, 1999

2. Name and address of receiving party(ies)

Name: University of Iowa Research Foundation

Internal Address: 214 Technology Innovation Center

Street Address: Oakdale Research Campus
Iowa City, Iowa 52242

3-20-00

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)
09/325,193

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
Concerning document should be mailed:Name: Helen C. Lockhart
Address: WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Helen C. Lockhart

March 15, 2000

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Box Assignment, Commissioner of Patents and Trademarks, Washington, D.C. 20231

04/19/2000 DNGUYEN 00000258 09325193

01 FC:581

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FORM PTO-1595 U.S.

(Rev. 6-93)

OMB N . 0651-0011 (exp. 4/04)

PH 2: 50

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DEPARTMENT OF COMMERCE

Pat nt and Trademark Office

To the Best of My Knowledge and Belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Patents and Trademarks : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Joachim Schorr

Additional name(s) of conveying party(ies) attached? [] Yes [x] No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: August 6, 1999

2. Name and address of receiving party(ies)

Name: CpG ImmunoPharmaceuticals GmbH

Street Address: Max-Volmer-Strasse 4, D-40724 Hilden, Germany

3-20-09

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)
09/325,193

B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

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Federal Reserve Plaza
600 Atlantic Avenue
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6. Total number of applications and patents involved: 1

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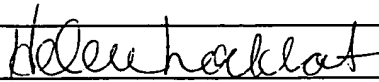
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Street Address:

**Max-Volmer-Strasse 4
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4. Application number(s) or patent number(s):

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09/154,614

09/325,193

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FILING DATE: 06/03/1999

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